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## NOTES FROM PACIFIC COAST OBSERVATORIES.

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### APPOINTMENT OF MARTIN KELLOGG FELLOW.

Mr. ROSCOE F. SANFORD (A. B., University of Minnesota, 1905), has been appointed Martin Kellogg Fellow for the year 1915-1916. Mr. SANFORD was in residence at the Lick Observatory, as Assistant, for two years (1906-1908), resigning to accept a position as assistant in the expedition to San Luis, Argentina, under the Carnegie Institution. After a service of three years, he went to Santiago, Chile, where he held the position of Assistant, and, later, of Assistant Astronomer in the D. O. Mills Expedition from the Lick Observatory. Mr. SANFORD will spend the year at Mount Hamilton.

### A NEW BRIGHT DOUBLE STAR.

The star 41 *Ophiuchi* (R. A. 1900 =  $17^{\text{h}} 11^{\text{m}} 29^{\text{s}}$ ; Decl. =  $-0^{\circ} 20'$ ), was noted as "possibly a close unequal pair" in 1905. The suspicion could not be verified at the time and the star was not examined again until July 1, 1915. Probably the angular distance between the components had increased in the interval, for the companion was then easily seen. Measures on three nights give the position, 1915.54,  $298^{\circ}.3$ ,  $0''.52$ .

The magnitude in *H. A.* 50 is 4.82, the spectral class G 5. I estimate the companion to be fully three magnitudes fainter than its primary. From the data in Boss's Preliminary General Catalogue, I find the proper motion of the primary to be  $0''.065$  in  $204^{\circ}.6$ . This is undoubtedly shared by the companion and it is safe to say that the two stars constitute a physical system.

R. G. AITKEN.

August 10, 1915.